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EXAMINER

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claim 1-20 rejected under 35 U.S.C. 102(e) as being anticipated by Kashiwagi et al. (US 2002/0003945).

Regarding Claim 1: Kashiwagi et al. discloses a computer readable information record medium onto which is recorded a whole stream including a plurality of partial streams each comprising a series of content information medium comprising: an object data file for storing object data comprising a plurality of packets each storing a piece of the content information (**paragraph 0339**), wherein the plurality of partial streams include one or more video streams comprising a plurality of angle video information corresponding to a plurality of viewpoints (**paragraph 0190-0191**), each of the plurality of angle video information comprises an assembly of minimum image units, which are defined by a predetermined standard (**paragraph 0190-0191**), each of the minimum image units is divided and stored into the packets (**paragraph 0220**), and a switch unit as a logical section of the video stream is defined such that the plurality of packets for dividing and storing a same minimum image unit does not extend over a boundary of

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the switch unit (**paragraph 0226**), and such that a minimum image unit reproducible without using another minimum image unit belonging to an anterior switch unit extending over the boundary of the switch unit is arranged as a first minimum image unit of the switch unit (**paragraph 0226**).

Regarding Claim 2: Kashiwagi et al. discloses a computer readable information record medium according to claim 1, wherein the minimum image unit is a GOP (Group of Picture) based on a MPEG (Moving Picture Experts Group) standard (**paragraph 0272**).

Regarding Claim 3: Kashiwagi et al. discloses a computer readable information record medium according to claim 1, wherein the switch unit is defined by position information, the position information indicating a head address of the switch unit (**paragraph 0339**).

Regarding Claim 4: Kashiwagi et al. discloses a computer readable information record medium according to claim 3, wherein the position information is stored for each switch unit, in a switch unit address table (**paragraph 0339**).

Regarding Claim 5: Kashiwagi et al. discloses a computer readable information record medium according to claim 3, wherein the position information is stored for each switch unit, in a navigation packet forming a part of the partial streams in object data file (**paragraph 0507**).

Regarding Claim 6: Kashiwagi et al. discloses a computer readable information record medium according to claim 5, wherein the position information as for anterior n (n is natural number equal to or more than i) switch units and posterior m (m is natural number equal to or more than i) switch units, with respect to a switch unit to which the

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navigation packet is belonged as a standard, is stored in the navigation packet
(paragraph 0507-0508 and 0513).

Regarding Claim 7: Kashiwagi et al. discloses a computer readable information record medium according to claim 5, wherein the navigation packet is arranged as a head packet of the switch unit **(paragraph 0513).**

Regarding Claim 8: Kashiwagi et al. discloses a computer readable information record medium according to claim 3, wherein the position information is a serial number of the packets or a PTS (Presentation Time Stamp) **(paragraph 0689).**

Regarding Claim 9: Kashiwagi et al. discloses a computer readable information record medium according to claim 1, further comprising an object information file for storing association definition information to define a relationship between multiplexed packets and the plurality of partial streams, as reproduction control information to control a reproduction of said object data file **(paragraph 0117 and 125),** wherein the association definition information has table information, the table information indicating, for each partial stream, packet identification numbers assigned specifically to a plurality of packets multiplexed at a same time **(Fig. 29).**

Regarding Claim 10: Kashiwagi et al. discloses a computer readable information record medium according to claim i, further comprising a reproduction sequence file for storing reproduction sequence information to define a reproduction sequence of the object data **(paragraph 0098 and 0118).**

Regarding Claim 11-12: Claim 11-12 reject for the same subject matter as claim 1.

Regarding Claim 13: Kashiwagi et al. discloses an information reproduction apparatus

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for reproducing the information record medium according to claim 1, apparatus comprising: a reproduction device for reproducing said object data file (**paragraph 0131**); an input device for inputting externally an instruction for an angle switching (**paragraph 0131**); and a control device for controlling the reproduction device to reproduce a video stream relating to one angle video information and to switch from a reproduction of a video stream relating to said one angle video information to a reproduction of a video stream relating to another angle video information, at a boundary of the switch unit, in accordance with the instruction for the angle switching inputted via said input device (**paragraph 0359**).

Regarding Claim 14: Claim 14 reject for the same subject matter as claim 13.

Regarding Claim 15: Claim 15 reject for the same subject matter as claim 1 and 13.

Regarding Claim 16: Claim 16 reject for the same subject matter as claim 1 and 13.

Regarding Claim 17-20: Claim 17-20 reject for the same subject matter as claim 11, 13, 15, and 1 respectively.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DANIEL TEKLE whose telephone number is (571)270-1117. The examiner can normally be reached on 7:30am to 5:00pm M-R and 7:30-4:00 Every other Friday..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha D. Banks-Harold can be reached on 571-272-7905. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/Marsha D. Banks-Harold/
Supervisory Patent Examiner, Art Unit 2621

/Daniel Tekle/
Examiner, Art Unit 2621